```
tweise@weise-laptop:~$ python3
Python 3.12.3 (main, Sep 11 2024, 14:17:37) [GCC 13.2.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> x = range(4)
>>> type(x)
<class 'range'>
>>> u = iter(x)
>>> type(u)
<class 'range_iterator'>
>>> v = iter(x)
>>> next(u)
0
>>> next(u)
1
>>> next(v)
0
>>> next(v)
1
>>> next(v)
2
>>> next(u)
2
>>> next(v)
3
>>> next(v)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
StopIteration
>>> 
```